

## ABSTRACT OF THE INVENTION

A miniature motor structure includes a stator, a  
5 circular magnet and a shift. The stator further includes a  
first coil seat, a coil and a second coil seat. The first coil  
seat includes a first bottom plate having a first central  
opening, a plurality of first outer teeth and a plurality of first  
inner teeth. The coil is formed in the first coil seat. The  
10 second coil seat includes a second bottom plate having a  
second central opening, a plurality of second outer teeth and  
a plurality of second inner teeth. Each of the second outer  
teeth is interposed between the adjacent first outer teeth and  
each of the second inner teeth is interposed between the  
15 adjacent first inner teeth. The circular magnet surrounds  
the stator.